

WHAT IS CLAIMED IS:

1. An image processing apparatus comprising:  
communication means for performing two-way  
communications with an image output unit having a function  
5 of measuring a condition;

input means for inputting an image output instruction;  
and  
color processing means for performing color processing  
for image data,

10 wherein the condition is acquired using said  
communication means in response to the image output  
instruction, and a color processing condition of said color  
processing means is set.

2. The apparatus according to claim 1, wherein said image  
15 output unit comprises:

an engine unit;  
condition measurement means for automatically  
measuring the condition in accordance with a change in status  
of said engine unit; and

20 storage unit storing the measured condition.

3. The apparatus according to claim 1, wherein the  
condition is a measurement result of a plurality of patches  
output by said image output unit.

4. The apparatus according to claim 1, wherein said color  
25 processing means converts image data into multi-valued data  
corresponding to a type of a recording medium used in said

image output unit, and performs color processing in accordance with the condition.

5 5. The apparatus according to claim 4, wherein said color processing means quantizes the image data which has undergone the color processing in accordance with the condition.

6. The apparatus according to claim 1, further comprising:  
a user interface for setting whether or not the color processing is done in accordance with the condition.

7. An image processing apparatus for making a network  
10 printer having a function of measuring a condition output an image via a server, comprising:

input means for inputting an image output instruction;  
and

15 color processing means for performing color processing for image data,

wherein a communication is made with said network printer via said server in response to the image output instruction to acquire the condition of said network printer, and a color processing condition of said color processing  
20 means is set.

8. The apparatus according to claim 7, wherein said sever manages said network printer and an image output job for said network printer.

9. The apparatus according to claim 7, wherein said network  
25 printer comprises:

an engine unit;

condition measurement means for automatically measuring the condition in accordance with a change in status of said engine unit; and

storage unit storing the measured condition.

- 5 10. The apparatus according to claim 7, further comprising:  
a user interface for setting whether or not the color processing is done in accordance with the condition.

11. An image processing method for performing image processing method in a network system to which an image output apparatus, server, and network terminal are connected,

wherein said image output apparatus comprises:

a condition measurement function of measuring a condition in accordance with a change in status; and

- 15 a notification function of notifying said server of the condition measurement result,

said server comprises:

a storage function of storing the condition measurement result notified from said image output apparatus in correspondence with a type of image output apparatus; and

- 20 a management function of managing an image output job, and

said network terminal comprises:

a function of inputting an image output instruction of a user;

- 25 an acquisition function of acquiring the condition measurement result stored in said server in response to the

image output instruction; and

a color processing function of performing color processing using a color processing condition in accordance with the condition measurement result.

- 5 12. An image processing method for making an image output unit having a function of measuring a condition output an image, comprising:

the input step of inputting an image output instruction; and

- 10 the setting step of acquiring the condition using communication means in response to the image output instruction, and setting a color processing condition of color processing means; and

- 15 the color processing step of performing color processing for image data in accordance with the set color processing condition.

13. An image processing method of making a network printer having a function of measuring a condition output an image via a server, comprising:

- 20 the input step of inputting an image output instruction; the setting step of making a communication with said network printer via said server in response to the image output instruction to acquire the condition of said network printer, and setting a color processing condition; and

- 25 the color processing step of performing color processing for image data in accordance with the set color

processing condition.

14. A computer readable storage medium that stores a program which implements, by a computer:

5 a communication function of performing two-way communications with an image output unit having a function of measuring a condition;

an input function of inputting an image output instruction;

10 a color processing function of performing color processing for image data; and

a function of acquiring the condition using said communication function in response to the image output instruction, and setting a color processing condition of said color processing function.

15 15. A computer readable storage medium that stores a program for making a computer operate as an image processing apparatus for making a network printer having a function of measuring a condition output an image via a server, said program implementing:

20 an input function of inputting an image output instruction;

a color processing function of performing color processing for image data; and

25 a function of making a communication with said network printer via said server in response to the image output instruction to acquire the condition of said network printer,

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and setting a color processing condition of said color processing function.

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